

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1 (four times amended): A method of cleaning, dewatering, [and] or hydrostatic testing a pipeline between two subsea manifolds, one of said manifolds having a subsea pig launcher/receiver with a pig and the other having a subsea pig receiver comprising:

providing a fill and test package comprising one or more pumps including at least one high pressure pump dimensioned to provide a hydrostatic pipeline testing pressure;

using a submersible vehicle (SV) to deploy the fill and test package to one of the subsea manifolds;

using [a submersible vehicle (SV)] the SV to operate one or more pumps on [[a]] the fill and test package to force seawater behind said pig and move the pig from the pig launcher/receiver to the pig receiver, and

using said SV to [pump more water into said pipeline to a test pressure and maintaining said pressure that there are no leaks in said pipeline] supply power to at least one of the one or more pumps for cleaning, dewatering, or hydrostatic testing of the pipeline.

Claim 2 (amended): A method according to claim 1 wherein the [test pressure is read on a gauge mounted on a panel on said pig launcher/receiver] at least one high pressure pump is a low volume high pressure pump and the subsea skid further comprises at least one high volume pump.

Claim 3 (four times amended): A method according to claim [2] 1 wherein said fill and test package is carried by said SV.

Claim 4 (thrice amended): A method for [commissioning] cleaning and hydrostatic testing a subsea pipeline [while both ends are on the subsea floor] between two [subsea] manifolds, one of said manifolds having a subsea pig launcher/receiver with a pig and the other having a [subsea] pig receiver comprising:

providing a fill and test package comprising one or more pumps including at least one high pressure pump dimensioned to provide a high-pressure hydrostatic test pressure;
using a submersible vehicle (SV) to deploy the fill and test package to one of the manifolds;
using [[a]] the SV [, operating pumps] to operate at least one pump on [[a]] the fill and test package to force seawater behind said pig and move the pig from the pig launcher/receiver to the pig receiver; and
[pumping] operating at least one high pressure pump to pump more [water] seawater into said pipeline to a high-pressure hydrostatic test pressure and maintaining said pressure to assure that there are no leaks in said pipeline [using a SV, connecting a line from a compressed gas pack to said pig launcher/receiver for flow of compressed gas to force said pig to said pig launcher/receiver; and pumping using a dewatering pump to suck water from said pipeline and moving said pig and compressed gas through the pipeline to said pig launcher/receiver].

Claim 5 (thrice amended): A method according to claim 4 wherein said SV has a robotic arm for connecting and disconnecting said at least one high pressure pump to said pipeline.

Claim 6 (twice amended): A method for [the] hydrostatic testing of a pipeline before its ends are connected wherein both ends are on the seafloor comprising:

providing a subsea fill and test package comprising one or more pumps including at least one high pressure pump dimensioned to provide a high-pressure hydrostatic test pressure;
using a submersible vehicle (SV) to deploy the fill and test package to one of the ends; and
using [a submersible vehicle (SV)] the SV to operate [pumps] at least one high pressure pump on [a] the fill and test package to raise the internal pressure of the pipeline sufficiently for a high-pressure hydrostatic [testing of the pipeline] commissioning test.

Claim 7 (new): A method for hydrostatic testing of a pipeline on the seafloor comprising:

using a submersible vehicle (SV) to operate one or more pumps mounted on a fill and test package, including at least one high pressure pump dimensioned to provide a high-pressure hydrostatic test pressure, to raise the internal pressure of the pipeline sufficiently for high-pressure hydrostatic testing.

Claim 8 (new): A method for hydrostatic testing of a water filled pipeline on the seafloor comprising:

using a submersible vehicle (SV) to operate at least one high pressure pump on a fill and test package to pump water into said water filled pipeline to raise the internal pressure of the pipeline sufficiently for high-pressure hydrostatic testing.

Claim 9 (new): A method for the hydrostatic testing of a pipeline between two subsea manifolds comprising:

using a submersible vehicle (SV) to deploy and operate one or more pumps on a fill and test package to pump seawater from near the seafloor into, and raise the internal pressure of, the pipeline sufficiently for high-pressure hydrostatic testing.

Claim 10 (new): A method according to claim 4, further comprising:

using a SV, connecting a line from a compressed gas pack to said pig launcher/receiver for flow of compressed gas to force said pig to said pig launcher/receiver, and pumping using a dewatering pump to suck water from said pipeline and moving said pig and compressed gas through the pipeline to said pig launcher/receiver.